SOV/139-59-1-31/34

A Very Simple Proof of the Relationship Between the Phase and Group Velocities

NOTE: This is an abridged translation.

ASSOCIATION: Moskovskiy Institut Tsvetnykh Metallov i Zolota (Moscow Institute of Non-Ferrous Metals and Gold)

SUBMITTED: July 21, 1958

Card 3/3

DAVIDOV, G.V.

Conference on the use of highly efficient mining systems. Gor. zhur. no.12:66-67 D '58. (MIRA 11:12)

1.Zamestitel' predsedatelya TSentral'nogo pravleniya Nauchno-tekhnicheskogo obshchestva tsvetnoy metallurgii.
(Mining engineering)

DAVYDOV, G.V.; FROLOV, V.A.

Work of the Scientific Technological Society of Nonferrous Metallurgy in 1959 and its objectives for 1960. TSvet.met. 33 no.5:1-4 My '60. (MIRA 13:7)
(Nonferrous metals--Metallurgy)

DAVYDOV, G.V.; KROLOV, V.A.

Third plenum of the central administration of the Scientific Technological Society of Nonferrous Metallurgy. TSvet.met. 33 no.5:77-80 My '60. (MIRA 13:7)
(Nonferrous metals--Metallurgy)

DAVYDOV, G.V.; FROLOV, V.A.

Dust-elimination contest between crushing-conveying units. Gor. zhur. no.5:74 My '60. (MIRA 14:3)

1. Tsentral'noye pravleniye Nauchno-tekhnicheskogo obshchestva tsvetnoy metallurgii.
(Dust—Prevention)

L 1653-66 EWT(m)/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HW

ACCESSION NR: AP5021620 UR/0286/65/000/013/0101/0101
621.979.984.002.54

AUTHOR: Shofman, L. A.; Gedrgain, Yu. Yu.; Rozhkov, V. M.; Starikov, V. S.; Kryuchkov, M. V.; Davydov, G. G.; Akhmetshin, M. A.; Kvitnitskiy, A. M.; Bogoyavlenskiy, A. A.; Zeygin, V. I.; Yegorov, I. V.; Roytberg, L. Kh.; Yermanok, N. Z.; Hodionov, A. S.

TITLE: Method for tube extrusion. Class 49, No. 172601

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 101

TOPIC TAGS: metal, metal tube, metal extrusion, tube extrusion

ABSTRACT: This Author Certificate introduces a method for tube extrusion from solid ingots. In this method the metal is first divided into several strips which are subsequently welded in the next die. In order to reduce the extrusion pressure, the diameter of the ingot should be smaller than that of the extruded tube. [AZ]

ASSOCIATION: none

SUBMITTED: 30Jan62 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4095

Card 1/1

L 1655-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(c)
JD/HW

ACCESSION NR: AP5021621 UR/0286/65/000/013/0102/0102
621.979.984.002.54

AUTHOR: Shofman, L. A.; Gedymin, Yu. Yu.; Rozhkov, V. M.; Starikov, V. S.; Kryuchkov, M. M.; Davydov, G. V.; Akhmetshin, M. N.; Kvitnitskiy, A. N.; Rogozinskiy, A. A.; [redacted]; Yegorov, I. V.; Roytbarg, L. Kh.; Yermanok, N. Z.; Rodionov, A. B.

TITLE: Tool for extruding of tubes. Class 49, No. 172602

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 102

TOPIC TAGS: tube, metal tube, tube extrusion, extrusion tool, extrusion press

ABSTRACT: This Author Certificate introduces a tool for the extrusion of tubes from solid ingots, i.e., container, mandrel, welding chamber, and die. In order to increase the rigidity of individual tools and ensure their precise position in relation to one another, thereby improving the accuracy of the extruded tubes, the mandrel is rigidly mounted in relation to the container; it carries an internal die and is provided with a central compartment for the ingot. Radial canals connect this compartment with the welding chamber, which is formed between container wall and the mandrel surface. [AZ]

Card 1/2

L 1655-66
ACCESSION NR: AP5021621

ASSOCIATION: none

SUBMITTED: 31Jan62 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4095

Card 2/2

DAVYDOV, I., upravlyayushchiy.

The yearly plan of transportation is fulfilled in nine months. Avtomobil' 25 no.12:16 D '47. (MLRA 6:9)

1. Stalingradskoye otdeleniye Soyuzsovkhoztransa.
(Transportation, Automotive)

SAKHAROV, I.; DAVYDOV, I.

Through-truck transport of freight in railroad packing cases.
Avt. transp. 34 no.7:11 Jl '56. (MLRA 9:10)

(Transportation, Automotive)

1. MIKHEYEV, A. : DAVYDOV, I.

2. USSR (600)

4. Bearings (Machinery)

7. Utilization of work, thin-walled bushings. Tekhsov. MTS 13 no. 37, 1952

9. Monthly List of Russian Accessions, Library of Congress, _____1953. Unclassified.

DAVYDOV, I.

Miners of People's Bulgaria. Mast.ugl. 2 no.12:26-28 D '53. (MLRA 6:11)
(Bulgaria--Coal mines and mining)

DAVYDOV, I.

Magnificent work by miners of the Rumanian People's Republic.
Mast. ugl. 3 no.12:26-27 D '54. (MIRA 8:6)
(Rumania--Coal mines and mining)

DAVYDOV, I., avtoslesar'

Device for feeding niger oil to rear-axles and gearboxes of automobiles. Na stroi. Mosk. 2 no.7:25 Jl '59.
(MIRA 12:10)

1.UM-24 tresta Mosstroymekhanizatsiya No.7.
(Oil-feeders)

DAVYDOV, I.

In response to the resolutions of the January Plenum of the Central Committee of the CPSU. Sil'. bud. 11 no.3:3-5 Mr '61.
(MIRA 14:2)

1. Direktor sovkhoza "Bortnichi," Borispol'skogo rayona, Kiyevskoy oblasti.
(Borispol District--Building)

DAVYDOV, I.; DEMENT'YEV, V.

Voluntary inspection in action. Avt.transp. 41 no.1:4-5 Ja '63.
(MIRA 16:2)
(Transportation, Automotive)

PRONIN, D.; DAVYDOV, I.

"Iunost'" pocket radio. Radio no.9:50-51 S '65.
(MIRA 19:1)

DAVYDOV, I.

A trade-union centers helps in reorganizing the work of trade unions. Sov. profsoiuzy 3 no.2:45-48 F '55. (MIRA 8:4)

1. Zaveduyushchiy profkabinetom Azerbaydzhanskogo respublikanskogo soveta profsoyuzov.
(Azerbaijan--Trade unions)

ALEKSEYEV, A.; RESHETNYAK, I.; SHPAGIN, V.; SUROVETSKIY, Ye.; DAVYDOV, I., (Baku); KRASNOV, A.(Al'met'yevsk); SAVEL'YEV, G.; RAZVOROTNEV, A.; KOZLOV, A., inzh.; TURUTIN, I.; VALIOTTI, B. (Arkhangel'sk); VEL'MITSKIY, V.

Letters to the editor. Sov.profsoiuzy 16 no.6:47-52 Mr '60. (MIRA 13:3)

1. Starshiy instruktor Chuvashskogo oblsovprofa (for Alekseyev). 2. Chlen kraykoma profsoyuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog, g.Maykop (for Reshetnyak). 3. Predsedatel' ob"yedinennogo postroykoma Bratskgesstroya (for Shpagin). 4. Starshiy instruktor Yakutskogo oblastnogo soveta profsoyuzov (for Surovetskiy). 5. Predsedatel' komissii obshchestvennogo kontrolya na rabotoy torga, Arkhangel'sk (for Savel'yev). 6. Sekretar' partbyuro tresta "Ukhtastroy," g.Ukhta, Komi ASSR (for Razvorotnev). 7. Redaktor mnogotirazhnoy gazety "Zhilstroyevets" (for Turutin).

(Labor and laboring classes) (Trade unions)

DAVYDOV, I. (Baku)

Due to trade-union workers. Okhr. truda i sots. strakh. 4 no.1:35-37 Ja '61. (MIRA 14:3)

(Baku--Ships--Maintenance and repair)
(Baku--Industrial hygiene)

DAVYDOV, I.

"Munca in Sindicate" on works councils. Sov. profsoiuzy 17 no. 2:62 Ja '61. (MIRA 14:2)
(Rumania) (Works councils)

DAVYDOV, I.

How we organize lecture propaganda. Sov. profsoiuzy 17 no.8:32-33 Ap '61. (MIRA 14:3)

1. Zaveduyushchiy lektorskoy gruppoy Azerbaydzhanskogo sovprofa.
(Azerbaijan--Trade unions)(Azerbaijan--Lectures and lecturing)

DAVYDOV, Il'ya

Punishment and forgiveness. Zdorov'e 8 no.6:16-17 Je '62. (MIRA 15:5)

(CHILDREN--MANAGEMENT)

DAVYDOV, I.

Let's say "no" to industrial accidents. Okhr. truda i sots. strakh. 5 no.7:27 Jl '62. (MIRA 15:7)

1. Tekhnicheskiy inspektor Azerbaydzhanskogo respublikanskogo soveta profsoyuzov.
(KIROVABAD--CLOTHING INDUSTRY--HYGIENIC ASPECTS)

DAVYDOV, I.

New method of fastening the lining of rotary kilns. Prom. stroi. i inzh. soor. 5 no.2:54-55 Mr-Ap '63. (MIRA 16:4)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdeleniya Donetskogo stroitel'nogo uchastka "Teplostroy No.226" tresta "Koksokhimteplomontazh". (Kilns, Rotary)

DAVYDOV, I. (g. Baku)

Merit of the trade-union activist group. Okhr.truda i sots.strakh. 5 no.4:18 Ap '62. (MIRA 15:4)
(Baku--Ships--Maintenance and repair)
(Baku--Industrial hygiene)

DAVYDOV, I.-(Baku)

This is how the progressive oil workers work. Okhr.truda i sots. strakh. 5 no.10:29 O '62. (MIRA 15:11)
(Baku--Petroleum industry--Hygienic aspects)

DAVYDOV, I.A.

USSR/Engineering - Construction, Methods Mar 52

"Mechanizing Preparation and Conveying of Mortar for Heat-Resistant Brickwork of Blast Furnaces," I. A. Davydov, Engr

"Byul Stroitel Tekh" No 3, pp 24, 25

Describes method used during construction of blast furnace at one of southern metallurgical plants. Two types of mortar were delivered simultaneously: for lining work of furnace and for brickwork of air heaters. Total amt of used mortar was 650 cu m. Gives layout of installation.

212T40

D.VYDOV, I. A., Eng.

Building reinforced concrete chimneys under winter conditions. Stroi. prom., 30, No 9, 1952.

DAVYDOV, I.A.

Peredovoi opyt polucheniia vysokogo urozhaia vinograda v Donbasse [Progressive experience in obtaining high yields of grapes in the Donets Basin]. Stalino, Obl. izd-vo, 1952. 40 p.

SO: Monthly List of Russian Accessions, Vol 6 No 4, July 1953

LAVROV, I. A.

LAVROV, I. A.: "The methods of increasing the crop yield of grain crops under conditions of the Donbass." Min Higher Education USSR. Odessk Agricultural Inst. Odessa, 1956. (Dissertation for the Degree of Candidate in Agricultural Sciences)

So: Knizhnaya Letopis' No 28, 1956. Moscow

DAVYDOV, I.A.

BABICH, I.N.; DAVYDOV, I.A.

More attention should be given to raw pelts. Leg.prom. 14 no.8: 13-15 Ag '54. (MLRA 7:8)

1. Direktor Moskovskoy mekhovoy fabriki No.1 (for Babich) 2.Nachal'nik proizvodstvennogo otdela (for Davydov).
(Hides and skins)

DAVYDOV, I. A.

USSR / Chemical Technology. Chemical Products and Their Application. Leather. Fur. Gelatin. Tanning Agents. Technical Proteins. I-31

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, No 10517

Author : Davydov, I.A., and Golovitsyn, S.S.
Inst : Not given
Title : Improvements in the Black Dyeing of Sheepskins

Orig Pub : Legkaya prom-st, 1956, No 6, 43-44

Abstract : An improved method has been developed for the black dyeing of Bulgarian and Russian sheepskins (young). Sulfuric acid has been excluded from the potassium dichromate mordanting bath with resulting change in the pH of the bath; in addition, dip-stuffing has been substituted for paste-stuffing. For the achievement of a deep black color and the prevention of the splitting off of the top grain, the authors recommend the application of an aniline solution (by machine) before

Card : 1/2

USSR / Chemical Technology. Chemical Products and Their Application. Leather. Fur. Gelatin. Tanning Agents. Technical Proteins.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, No 10517

Abstract : chroming and the substitution of acid-alcohol polish for formalin polish, with smoothing at a lower temperature. Batches produced by the above method have shown excellent quality.

Card : 2/2

DAVYDOV, I.A., inzh., red.; GERMAN, N.Ye., red.izd-va; UVAROVA, A.F., tekhn.red.

[Catalog of spare parts for the GAZ-69, GAZ-69A, UAZ-450, UAZ-450A, and UAZ-450D motortrucks] Katalog zapasnykh chastei avtomobilei GAZ-69, GAZ-69A, UAZ-450, UAZ-450A i UAZ-450D. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 366 p. (MIRA 13:7)

1. Ul'yanovskiy avtomobil'nyy zavod. 2. Zamestitel' glavnogo konstruktora Ul'yanovskogo avtomobil'nogo zavoda (for Davydov). (Motortrucks--Apparatus and supplies)

SHNEYDER, Georgiy Konstantinovich; DAVYDOV, Ivan Alekseyevich; NIKITIN, A.G., red.

[UAZ motor vehicles; their design, maintenance and repair] Avtomobili UAZ; ustroistvo, obsluzhivanie i remont. Moskva, Transport, 1965. 328 p. (MIRA 18:4)

DAVYDOV, I. A., (Head of Veterinary Sanitary Inspection of the Disinfection-Washing Station.)

"Mechanization of the Disinfection of Railroad Cars must be Expanded."
Veterinariya vol. 38., no. 11., November 1961., p. 72

DAVYDOV, I.A. (Serakhskiy rayon Turkmenskoy SSR)

Treatment of the initial stage of cutaneous leishmaniasis by acrichine injections and recurrent cases of the disease. Vop. kraev.paraz.Turk.SSR 3:99-102 '62. (MIRA 16:4)
(TURKMENISTAN—DELHI BOIL) (QUINACRINE)

DAVYDOV, I.A.

Data for studying the morphology of Leishmania tropica, the causative agent of Borovskii's disease. Dokl.AN SSSR 144 no.3:685-687 My '62. (MIRA 15:5)

1. Predstavleno akademikom Ye.N.Pavlovskim.
(LEISHMANIASIS)

DAVYDOV, Il'ya Borisovich; KALIKIN, Nikolay Fedorovich; LYASHKO, Igor' Nikolayevich; POSTERNYAK, Ye.F., inzh., red.; FREGER, D.P., red.izd-va; GVIRTS, V.L., tekhn. red.

[General overhaul of a KR-450 jig-boring machine]Opyt kapital'nogo remonta koordinatno-rastochnogo stanka modeli KR-450. Leningrad, 1962. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.28) (MIRA 16:3)
(Drilling and boring machinery--Maintenance and repair)

DAVYDOV, I.D.

AUTHOR: Davydov, I.D.

3-4-23/28

TITLE: The Problems of Forming Cadres of "People's Intelligentsia" in the Higher Schools of the GDR (Problemy formirovaniya kadrov narodnoy intelligentsii v vysshey shkole GDR)

PERIODICAL: Vestnik vysshey shkoly, April 1957, # 4, p 82-86 (USSR)

ABSTRACT: Exceptional attention is paid in the German Democratic Republic to questions of training specialists with higher education. The below-mentioned data illustrate the development of higher education during the first 5-year plan (1951-1955). Towards the end of the 1955/56 scholastic year 62,000 students were trained at 47 higher educational institutions (against 27,000 in 1950), in addition to 15,000 who were instructed by correspondence schools. At the end of 1955/56 more than 11,000 students were trained by the laborer-peasant faculties which prepare them for entry into higher schools. During the first 5-year plan, 25,900 specialists graduated from the higher educational institutions. For this period the Government of the GDR spent more than half a milliard (500 million) Marks on scholarships. During 1956 about 90 % of the students were granted scholarships for a total amount of 160.3 million Marks as against 10 million Marks expended by the German Federal Republic. The yearly budget of the 6 universities

Card 1/3

The Problems of Forming Cadres of "People's Intelligentsia" in the Higher Schools of the GDR

and the Higher Technical School in Dresden alone, which amounted to 215 million Marks in 1951, has been more than doubled for 1955. In the course of the 5-year plan, 26 new institutes were opened. This and other data of the extensive article are taken from the GDR Journal "Das Hochschulwesen". It states that about 10,000 young specialists start their professorial career yearly and in the course of several years all have studied the theory of Marxism-Leninism. The article deals, further, with the teaching of social science, the improving of the instruction at the law faculty and the lecturing of political economy at non-economical educational institutions. It mentions the use of translated Soviet textbooks and refers to # 7 of this journal wherein Franz Dahlem deals with the mutual relations between the higher educational institutions, the ministries and the national enterprises. Reference is also made to an article of Dr. Friedrich Donat of the University at Leipzig dealing with the method of instruction at the higher educational institutions. Further, the article contains particulars in regard to the Greifswald University and the cultural co-operation between the German Democratic Republic and

3-4-23/28

The Problems of Forming Cadres of "People's Intelligentsia" in the Higher Schools of the GDR

the Soviet Union. In conclusion a general evaluation of the journal "Das Hochschulwesen" is given.

AVAILABLE: Library of Congress

Card 3/3

22(1)

SOV/3-59-3-44/48

AUTHOR: Davydov, I.D.

TITLE: Abroad (Za rubezhom). In the Interest of Building Socialism in the German Democratic Republic (V interesakh stroitel'stva sotsializma v Germanskoy Demokraticheskoy Respublike)

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 3, pp 86 - 91 (USSR)

ABSTRACT: The author deals with the discussions and decisions of the Third Conference on Higher School Problems, which took place in the Soviet Zone of Germany in spring 1958, and mentions the Fifth Congress of the United Socialist Party. The Conference and Congress decisions served as a basis for a number of articles which appeared in 1958 in several numbers of the journal "Das Hochschulwesen". The authors mentioned are Horst Scharping, Wolfgang Weist, Arved Schulz, Wolfgang Lüdecke, Hans Lammel, Rugard-Otto Gropp, Klaus Müller, Erwin Kienitz, Helmut Zapf, Klaus

Card 1/2

Abroad. In the Interest of Building Socialism in the German Democratic Republic

Kromm, Heinz Abelmann, Peter Rudolph, and Klaus Baltruschat. Some of the articles are reviewed and partly quoted, while for others, only the author's name is mentioned. There is 1 photo.

ANASTASENKO, F.I., kand.ekon.nauk; DAVYDOV, I.I., kand.ekon. nauk, nauchnyy red.; SAFRONOVICH, L.B., red.; UDAL'TSOV, O.A., red.; GURDZHIYEVA, A.M., tekhn. red.

[Transformation of farm labor into industrial labor] Prevrashchenie sel'skokhoziaistvennogo truda v raznovidnost' industrial'nogo. Leningrad, Ob-vo po raspr. polit.i nauchn. znanii RSFSR, 1962. 67 p. (MIRA 15:7)
(Agriculture--Economic aspects)

DAVYDOV, I.I., inzh.; NUZDANOV, V.F., inzh.; KOMPANEYETS, V.P., inzh.

Ways for preventing the weakening of the pole cores of diesel traction engines. Elek. i tepl. tiaga 7 no.9:15-16 S '63. (MIRA 16:10)

1. Depo Petropavlovsk Yuzhno-Ural'skoy dorogi.

DAVYDOV, I.K.

Purification of staphylococcal alpha-toxins and anatoxins. Zhur. mikrobiol.epid. i immun. 29 no.4:102-106 Ap '58. (MIRA 11:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei SMN SSSR.
(MICROCOCCUS PYOGENES,
-toxins & anatoxins, purification (Rus)

17 (2, 12)

AUTHOR: Davydov, I.K.

SOV/16-60-4-6/47

TITLE: The Efficacy of Active Combined Immunization Against Staphylococcal Infection and Tetanus.

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Nr 4, pp 27 - 31 (USSR)

ABSTRACT: The author studied the immunological efficacy of combined immunization with purified sorbed stapylococcus and tetanus toxoids, administered jointly. The tetanus toxoid used was batch No. 88 toxoid refined and concentrated by the method developed by Blagoveshchenskiy at the Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR (Institute of Epidemiology and Microbiology imeni Gamaleya of the AMN, USSR). This consisted in sedimentation at the isoelectric point in hydrochloric acid, followed by sorption on AL $(OH)_3$ and elution. The toxoid then contained 1750 BU/ml and 6.7 mg/ml of Al_2O_3. The staphylococcus toxoid was also purified by sedimentation in hydrochloric acid and, after sorption on Al $(OH)_3$, contained 148 BU/ml and 3.35 mg/ml of Al_2O_3. In the combined vaccine the doses of tetanus toxoid were 100, 200, 400 and 1000 BU and the doses of staphylococcus toxoid - 25 or

Card 1/3

50 BU, per injection. The staphyloccus toxoid had high antigenic and immunogenic properties, properties which it retained completely when combined with the tetanus toxoid. Injected in a dose of 25 or 50 BU, the staphylococcus toxoid had no inhibiting effect on the immunogenicity of the tetanus toxoid. Immunization with the staphyloccus toxoid gave complete protection against inflammation caused by Staphylococci. The two components of the combined preparations were not mutually exclusive. Rabbits immunized with the preparation developed profound resistance to spores of Clostridium and to strains of staphylococcus. Since wounds are most often infected with staphylococcus, we would be quite justified in including staphylococcus toxoid in combined preparations, particularly those against wound infection. There are 2 tables and 19 references, 7 of which are Soviet, 8 English and 4 French.

The Efficacy of Active Combined Immunization Against Staphylococcal Infection and Tetanus

SOV/16-60-4-6/47

ASSOCIATION: Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR (Institute of Epidemiology and Microbiology imeni Gamaleya of the AMN, USSR)

SUBMITTED: January 24, 1959

Card 3/3

YEVREINOVA, T.N.; DAVYDOVA, I.M.; SUKOVER, A.P.; GORYUNOVA, S.V.

Nucleic acids of the thermophilic blue-green algae Mastigocladus laminosus Cohn. Dokl. AN SSSR 137 no.1:213-216 Mr-Ap '61. (MIRA 14:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom A.I.Oparinym.

(Algae) (Nucleic acids)

DAVYDOV, Ivan Melkumovich; MANAFOV, G.M.; RASHEVSKAYA, T.A., red.; TORCSYAN, R., tekhn. red.

[For the perfect organization of production]Za vysokuiu kul'turu proizvodstva. Baku, Azerneshr, 1962. 76 p. (MIRA 16:3)

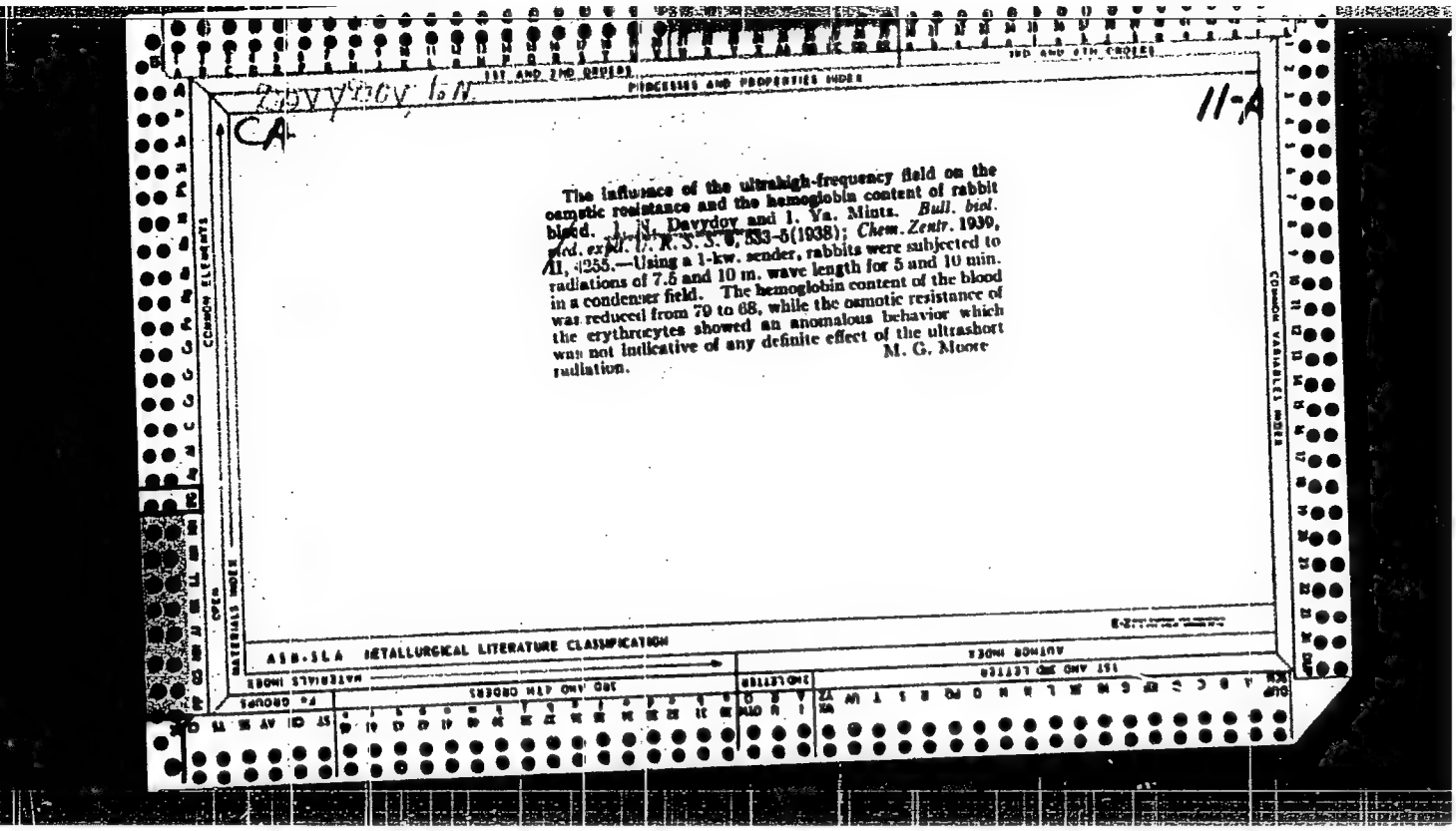
(Baku--Industrial management)

DAVYDOV, Ivan Melkumovich; LEVINSKIY, Grigoriy Isakovich; MUSAYEVA, E., red.

[Public participation in trade-union work on industrial safety] Obshchestvennye nachala v rabote profsoiuzov po okhrane truda. Baku, Azerneshr, 1965. 79 p. (MIRA 18:10)

DAVYDOV, I.N., inzh.

Investigating the mooring anchor, bridle, buoy, and rope system according to rated and experimental data. Sudostroenie 25 no.9:9-12 S '59. (MIRA 12:12)
(Anchorage)



Davydov, I. N.

CA

11-A

The influence of the ultrahigh-frequency field on the osmotic resistance and the hemoglobin content of rabbit blood. I. N. Davydov and I. Ya. Mints. *Bull. biol. med. exptl. U. R. S. S.* 6, 333-5(1938); *Chem. Zentr.* 1939, II, 4255.—Using a 1-kw. sender, rabbits were subjected to radiations of 7.5 and 10 m. wave length for 5 and 10 min. in a condenser field. The hemoglobin content of the blood was reduced from 79 to 68, while the osmotic resistance of the erythrocytes showed an anomalous behavior which was not indicative of any definite effect of the ultrashort radiation.

M. G. Moore

USSR/Human and Animal Physiology - Action of Physical Factors. T-13

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32358

Author : Davydov, I.N.
Inst :
Title : On the Reflex Period of UV-Erythema in Experimental Conditions.

Orig Pub : V sb.: Vopr. fizioterapii i kurortologii. Sverdlovsk, Knigoizdat, 1956, 26-31.

Abstract : No abstract.

Card 1/1

USSR / Human and Animal Physiology (Normal and Pathological).
Blood.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60277

Willis' circle with simultaneous macro- and micro-photography of the soft meninges and with the introduction of radioactive isotopes. -- N. M. Ryzhova

Card 2/2

DAVYDOV, I.N.; STEPANCHENKO, P.V.

Simple method for photographing the ocular fundus. Biul.eksp.biol.i med. 54 no.7:107-108 Jl '62. (MIRA 15:11)

1. Iz kafedry normal'noy fiziologii (zav. - prof. I.N.Davydov) Volgogradskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR A.V.Lebedinskim.
(EYE--EXAMINATION) (PHOTOGRAPHY, MEDICAL)

131-58-6-3/14

AUTHORS: Davydov, I. P., Sokolov, I. N., Trofimov, M. G., Zhukova, P. I., Koroshchenko, A. A.

TITLE: Working of Magnesite-Chromite and Chamotte Masses in Centrifugal Edge Mills "Model 115" (Pererabotka magnezitokhromitovykh i shamotnykh mass na tsentrobezhnykh begunakh "Model' 115")

PERIODICAL: Ogneupory, 1958, [illegible] Nr 6, pp. 25o - 257 (USSR)

ABSTRACT: The centrifugal edge mills "model 115" were developed by the Central Institute for Foundry-Machine Building. In the Zaporozh'ye works they are used for the working of the masses of refractory magnesite-chromite products as well as for chamotte masses. In figure 1 the construction of an edge mill for the production of refractory products is shown without any changes and then is described. The water is added automatically from the mains (see figure 2). The device for the supply of slip is shown in figure 3 and the total view of the edge mill "model 115" is shown in figure 4.
1) Production of chromium magnesite products. In the Zaporozh'ye works the edge mills are mounted under the devices for dosaging

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the weight. The charge is 600 kg. In order to find out the optimum working regime the influence of the duration of working on the granulation of the mass, the density of the raw products, as well as the properties of the finished products were checked. The results can be seen from table 2. Based on these results the mixing cycle, as mentioned in the table, was found. In table 3 the average weight by volume of the raw products is mentioned for January-February 1958, worked on centrifugal edge mills as well as on mixing edge mills.

2) Production of chamotte products. The dosaging of clay and chamotte is carried out by means of automatic weighing devices, of the slip volumetrically and also automatically with pneumatic control. From table 4 the influence of the duration of working on the granulation of the masses can be seen. In table 5 the weights by volume of the unfinished pieces as well as the properties of the products with durations of the working cycle of from 3-5 minutes are mentioned. In the production of chamotte the optimum charge of the edge mills is 500 kg.

131-58-6-3/14

Working of Magnesite-Chromite and Chamotte Masses in Centrifugal Edge Mills "Model 115"

Final conclusions: 1) The centrifugal edge mills "model 115" can be used for the working of masses of magnesite-chromite as well as of chamotte products. It increases the output as well as the quality of the mass. 2) The use of centrifugal edge mills makes it possible to completely automize the working process of the masses. 3) It would be useful to organize the production of these edge mills for the industry of refractories. There are 4 figures and 6 tables.

ASSOCIATION: Zaporozhskiy ogneupornyy zavod (Zaporozh'ye Works of Refractories)

1. Chromium-magnesium alloys--Processing 2. Refractory materials --Production 3. Refractory materials--Properties 4. Foundries --Equipment

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15 (2)

SOV/131-59-9-2/12

AUTHORS: Starun, V. R., Kolesnik, M. I., Dudavskiy, I. Ye., Davydov, I. P., Sokolov, I. N.

TITLE: The Production of Unburnt Chrome-spinel Buckets

PERIODICAL: Ogneupory, 1959, Nr 9, pp 393 - 395 (USSR)

ABSTRACT: In 1959 the Zaporozh'ye Works for Refractories started the production of unburnt buckets after preliminary tests had yielded satisfactory results. For the tests two different kinds of compositions were used, as may be seen from the table. They are described in detail in the following. The experimental buckets were tested in 230 t-ladles used for steel casting at a temperature of 1580 - 1600°C. Numerous experiments proved that the unburnt chrome-spinel buckets are a perfect substitute for the burnt ones. Pressing of these buckets is carried out by means of a hydraulic press of the type P-459 with a pressing power of 630 tons. The devices and the press molds were designed by the designers of the works S. B. Eyngorn, V. V. Volnyanskiy, and M. V. Reznikova (see illustration and the subsequent description). The Zaporozh'ye Works of Refractories introduced the production

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The Production of Unburnt Chrome-spinel Buckets SOV/131-59-9-2/12

of unburnt chrome-spinel buckets warranting a safe operation of the stopping device even under difficult conditions of steel casting. There are 1 figure and 1 table.

ASSOCIATION: Zaporozhskiy ogneupornyy zavod (Zaporozh'ye Works of Refractories)

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STARUN, V.R.; DUDAVSKIY, I.Ye.; DAVYDOV, I.P.; KOLESNIK, M.I.; RYAZANTSEV, V.D.; SAMOYLOV, I.G.; DOKUCHAYEVA, I.N.

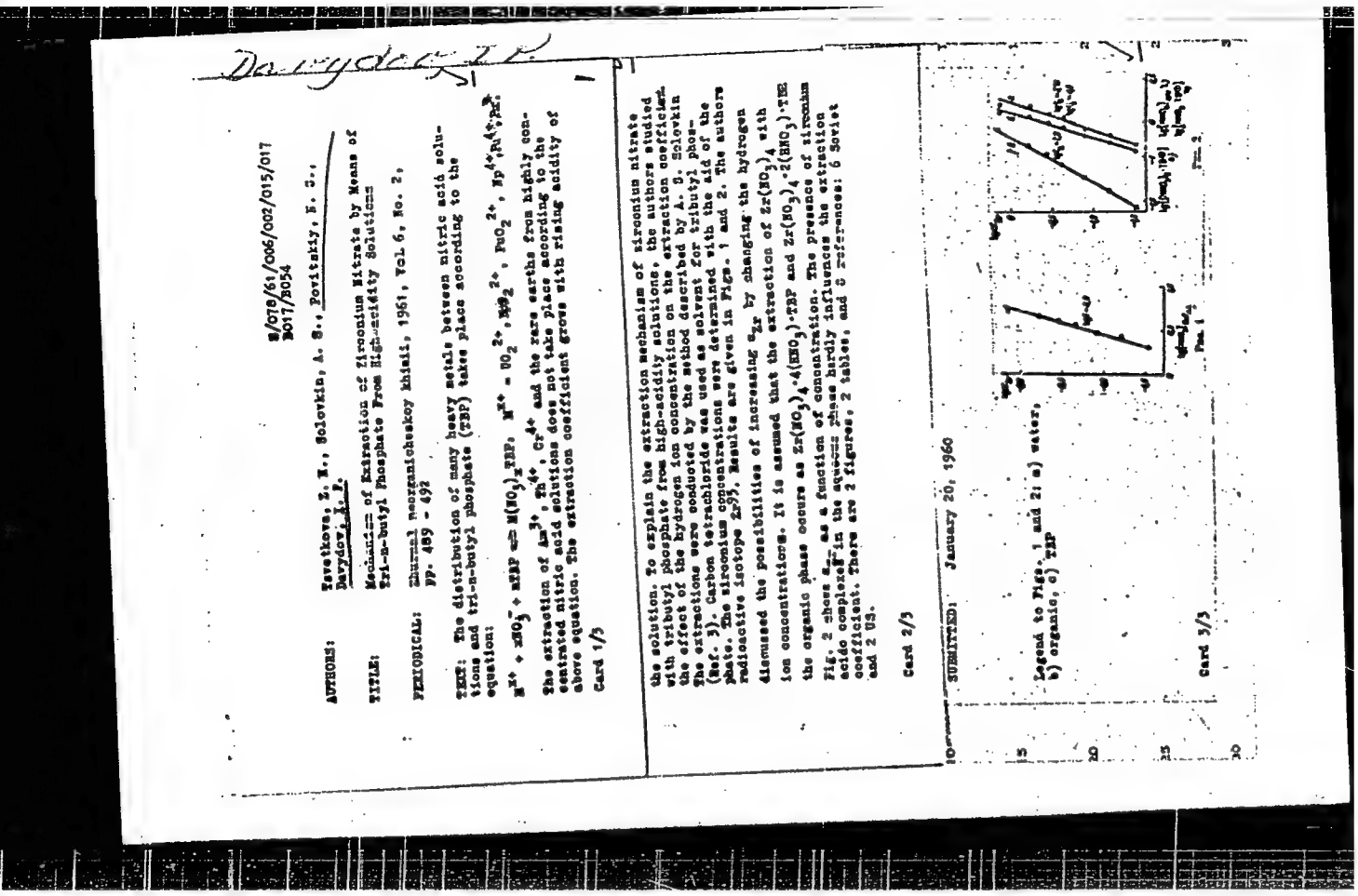
Dressing chrome iron ores from the Kimpersaiski deposits by magnetic separation. Ogneuproy 25 no. 3:108-114 '60. (13:10)

1. Zaporozhskiy ogneupornyy zavod (for Starun, Dudavskiy, Davydov, Kolesnik, Ryazantsev). 2. Institut "Mekhanobrchermet" (for Samoylov, Dokuchayeva).
(Ore dressing) (Magnetic separation of ores)

TOMASH, K.K.; DAVYDOV, I.P.; NEFEDKINA, Ye.B.

Exchange of advanced experience in the production of casting equipment. Ogneupory 29 no.12:575-577 '64. (MIRA 18:1)

1. Zaporozhskiy ogneupornyy zavod (for Tomash, Davydov).
2. Gosmetallurgkomitet (for Nefedkina).



Davydov, A. P.

S/078/61/006/002/015/017
B017/B054

AUTHORS: Yevstikeva, Z. K., Solovkin, A. S., Poritskiy, E. S., Davydov, A. P.

TITLE: Mechanism of Extraction of Zirconium Nitrate by Means of Tri-n-butyl Phosphate From High-acidity Solutions

PERIODICAL: Zhurnal neorganicheskoy khimii, 1961, Vol 6, No. 2, pp. 489 - 492

TEXT: The distribution of many heavy metals between nitric acid solutions and tri-n-butyl phosphate (TBP) takes place according to the equation:

$M^{x+} + xNO_3^- + xTBP \rightleftarrows M(NO_3)_x TBP$. $M^{x+} = UO_2^{2+}, ZrO_2^{2+}, Np^{4+}, Pu^{4+}, Pa^{4+}$;

The extraction of Am^{3+}, Th^{4+}, Cr^{3+} and the rare earths from highly concentrated nitric acid solutions does not take place according to the above equation. The extraction coefficient grows with rising acidity of

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the solution. To explain the extraction mechanism of zirconium nitrate with tributyl phosphate from high-acidity solutions, the authors studied the effect of the hydrogen ion concentration on the extraction coefficient. The extractions were conducted by the method described by A. S. Solovkin (Ref. 3). Carbon tetrachloride was used as solvent for tributyl phosphate. The zirconium concentrations were determined with the aid of the radioactive isotope Zr^{95}. Results are given in Figs. 1 and 2. The authors discussed the possibilities of increasing α_{Zr} by changing the hydrogen ion concentrations. It is assumed that the extraction of $Zr(NO_3)_4$ with the organic phase occurs as $Zr(NO_3)_4 \cdot 4(HNO_3) \cdot TBP$ and $Zr(NO_3)_4 \cdot 2(HNO_3) \cdot TBP$. Fig. 2 shows α_{Zr} as a function of concentration. The presence of zirconium acido complexes in the aqueous phase hardly influences the extraction coefficient. There are 2 figures, 2 tables, and 6 references: 6 Soviet and 2 US.

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SUBMITTED: January 20, 1960

Legend to Figs. 1 and 2: a) water, b) organic, c) TBP

Card 3/3

VOROB'YEV, S.P.; DAVYDOV, I.P.; SMIRNOV, V.V.

Solution of magnesium in an ammonium nitrate solution. Zhur. neorg. khim. 9 no.9:2159-2162 S '64.
(MIRA 17:11)

DAVYDOV, I. S.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

Name	Title of Work	Nominated by
Davydov, I. S.	"Cotton Growing" Textbook	Ministry of Agriculture Uzbek SSR

SO: W-30604, 7 July 1954

DAVYDOV, I. S.

32589. DAVYDOV, I. S. i FRENKIN, V. M. Obraztsovo Provesti Mekhanizirovannyy sbor ulopka. Sots. Sel. Khoz-vo Uzbekistana, 1949, No. 3, s. 8-14

SO: Letopis' Zhurnal'nykh Statey, Vol 44, Moskva, 1949

DAVYDOV, I.S.

DEMAKOV, G.I., mladshiy nauchnyy rabotnik; KOTIKOVA, B.N., mladshaya nauchnaya rabotnitsa; DAVYDOV, I.S., mladshiy nauchnyy rabotnik; SAPIL'NIKOV, N.G. kandidat ekonomicheskikh nauk, redaktor; BASIN, S.G., izdatel'skiy redaktor.

[Results of work of the Union Scientific Research Institute of Cotton Cultivation] Itogi rabot SoiuzNIKhI za 1954 god. Pod red. N.G. Sapil'nikova. Tashkent, Izd-vo SAGU. No.1. [Research on problems of work organization and use of production resources at machine-tractor stations and collective farms engaged in cotton growing] Izuchenie voprosov organizatsii truda i ispol'zovaniia sredstv proizvodstva v khlopkovykh MTS i kolkhozakh 1955. 60 p. (MLRA 10:5)

1. Tashkent, Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovodstva. 2. Sektor ekonomiki i organizatsii proizvodstva Soyuznogo nauchno-issledovatel'skogo khlopkovogo instituta (for Demakov, Kotikova, Davydov, Sapil'nikov)
(Cotton growing) (Machine-tractor stations)
(Collective farms)

DAVYDOV, I.S.; OKULOV, I.B.; GEDYK, P.K., inzhener, retsenzent; PYATNITSKIY, P.K., ispolnyayushchiy ob"yazannosti glavnogo redaktora

[Calculation tables for semi-finished products used in the machinery industry] Tablitsy dlia podscheta raskhoda materialov; v pomoshch' normirovshchiku pri podschete vesa mashinostroitel'nykh materialov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1954. 254 p. [Microfilm] (MLRA 7:10)

1. Uralo-Sibirskoye otdeleniye Mashgiza (for Pyatnitskiy)
(Machinery industry—Tables, calculations, etc.)

DAVYDOV, I.S.

[Economic effectiveness of machinery for harvesting cotton] Ekonomicheskaia effektivnost' mashin na uborke khlopka. Tashkent, Gos.izd-vo UzSSR, 1962. 114 p. (MIRA 16:11)
(Cotton-picking machinery)

DAVYDOV, IVAN SEMENOVICH

63

AUTHORS: Davydov, Ivan S., Okulov, Igor'B.

TITLE: Tables of Weights of Metals and Metal Products (Tablitsy dlya podscheta vesa metallov i metalloizdeliy)

PUB. DATA: Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo mashinostroitel'noy literatury, Moscow-Sverdlovsk, 1957, 431 pp., 15,000 copies, 2d. rev. ed.

ORIG. AGENCY: None given

EDITORS: Editor-in-chief: Studnitsyn, B.P.; Tech. Ed.: Yermakov, N.P.; Reviewer: Podgornov, S.V., Engr.; Correctors: Voronova, S.S.; Bykova, A.N.; Yarygina, V.P.

PURPOSE: The book is a reference aid for designers, estimators, technologists, personnel of standardization offices and various plant departments connected with the estimation of the weight of various metal products.

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Tables of Weights of Metals and Metal Products (Cont.)

COVERAGE: The book contains 431 pages of useful tables of weights of metals and metal products. It presents in handbook form data most frequently needed in weight computations. The tables afford a great saving in calculations and eliminate errors, thus improving the accuracy and speed in estimating and designing. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

DAVYDOV, Ivan Semenovich; OKULOV, Igor' Borisovich; PODGORNOV, S.V., inzh., retsenzent; BEZUKLADNIKOV, M.A., inzh., vedushchiy red.; YERMAKOV, N.P., tekhn.red.

[Tables for the calculation of the weight of metals and metal products] Tablitsy dlia podscheta vesa metallov i metalloizdelii. Izd.3., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 460 p. (MIRA 13:11)
(Metalwork--Tables, calculations, etc.)

DAVYDOV, I. V., Dots.

Khar'kovskiy Inshenero-stroitel'nyy institut.

Opredeleniye predel'noy nagruzki dlya mnogoproletnykh metallicheskikh ram. page 33

SO: Sbornik Annotatsiy Nauchno-issledovatel'skikh Rabot po Stroitel'stvu, Moscow, 1951

DAVYDOV, I.S.; OKULOV, I.B.; PODGORNOV, S.V., inzh., retsenzent;
YERMAKOVA, N.P., tekhn. red.

[Tables for computing the weight of metals and metal articles]
Tablitsy dlia podscheta vesa metallov i metalloizdelii. Izd.4.,
ispr. i dop. Moskva, Izd-vo "Mashinostroenie." 1964. 423 p.
(MIRA 17:4)

DAVYDOV, I.V.; SHEVELEV, G.G.

Device for the control of a wavemaker forming irregular waves in an experiment tank. Sudorem. i sudostr. no.2:200-204 '63. (MIRA 17:4)

1. Odesskiy institut inzhenerov morskogo flota.

DAVYDOV, I.V., kand.tekhn.nauk

Investigating guide devices used in centrifugal pumps. Trudy VIGM no.22:49-71 '58. (MIRA 11:11)
(Centrifugal pumps)

DAVYDOV, I.V., kand.tekhn.nauk

Experimental investigation of impellers of charging pumps. Trudy VIGM no.22:72-80 '58. (MIRA 11:11)
(Centrifugal pumps)

CHUBAROV, G.S.; DAVYDOV, I.V.; ZOLOTAREV, N.N.; GULYAYENKO, S.I.; PILIPENKO, P.P.; KUDRYASHOVA, L.A.; ROGULINA, A.M.

[Recommended number of workers in plants producing clay bricks] Tipovye shtaty rabochikh zavodov glinianogo kirpicha. Moskva, 1959. 221 p. (MIRA 15:2)

1. Gosudarstvennyy proyektnyy institut po proyektirovaniyu zavodov stroitel'nykh materialov. 2. Normativno-issledovatel'skiy otdel Gosudarstvennogo proyektnogo instituta po proyektirovaniyu zavodov stroitel'nykh materialov(for all).
(Brick industry)

DAVYDOV, I.V., kand.tekhn.nauk

Measuring speeds and pressures in the gate-apparatus channel.
Trudy VIGM no.24:3-9 '59. (MIRA 12:8)
(Pumping machinery--Testing)

DAVYDOV, I.V.; SAVVOV, V.P.

Experimental determination of stresses in ropes. Gidrotekhnika no.1: 96-98 '61. (MIRA 15:3)

(Rope--Testing)

DAVYDOV, I.V.

Electronic apparatus for measuring wave parameters. Gidrotekhnika no.1:98-99 '61. (MIRA 15:3)

(Waves)(Oscillograph)

KORCHAGINA, V.I.; GINZBURG, S.A.; FIN'KO, A.A.; RUTMAN, L.I.;
DAVYDOV, I.V.; LAVRINOVICH, D.A.

Electric method for measuring the water content in crude oil.
Neft. i gaz. prom. no.2:51-56 Ap-Je '62. (MIRA 15:6)

1. Odesskiy neftepererabatyvayushchiy zavod.
(Petroleum--Refining)

DAVYDOV, I.V.; SAVVOV, V.P.

Laboratory studies of stresses arising in mooring structures as a ship is being loaded. Gidrotekhnika no.2:127-129 '62. (MIRA 16:5)
(Ship models) (Cargo handling)

DAVYDOV, I.V.; VASIL'YEVSKIY, Yu.I.

Measuring stresses in the reinforcement of spun shell piles.
Gidrotekhnika no.2:140-143 '62. (MIRA 16:5)
(Piling (Civil engineering)) (Concrete reinforcement—Testing)

KRAVCHUK, V.F., inzh.; KORCHAGINA, V.I., inzh.; GINZBURG, S.A., inzh.; LONGRE, G.A., inzh.; RUTMAN, L.I., inzh.; FIN'KO, A.A., inzh.; DAVYDOV, I.V., inzh.; LAVRINOVICH, D.A., inzh.

Express method for determining water content in highly viscous mazuts using their dielectric constant. Elek. sta. 35 no.9:22-26 S '64. (MIRA 18:1)

DAVYDOV, I. Ya.

Method for Studying the Regime of Underground Waters (resume in Azerbaydzhani)
Izv. AN Azerb. SSR, No 8, 1953, 63-69

The author considers that the investigation of the regime of underground waters should be conducted with consideration for the entire complex of complicated natural processes, which would lead to a more rational explanation of the regime and correct methodical setup of the observational network. The author analyzes the main deficiencies in the works of parties not employing such considerations. (RZhGeol, No 1, 1954)

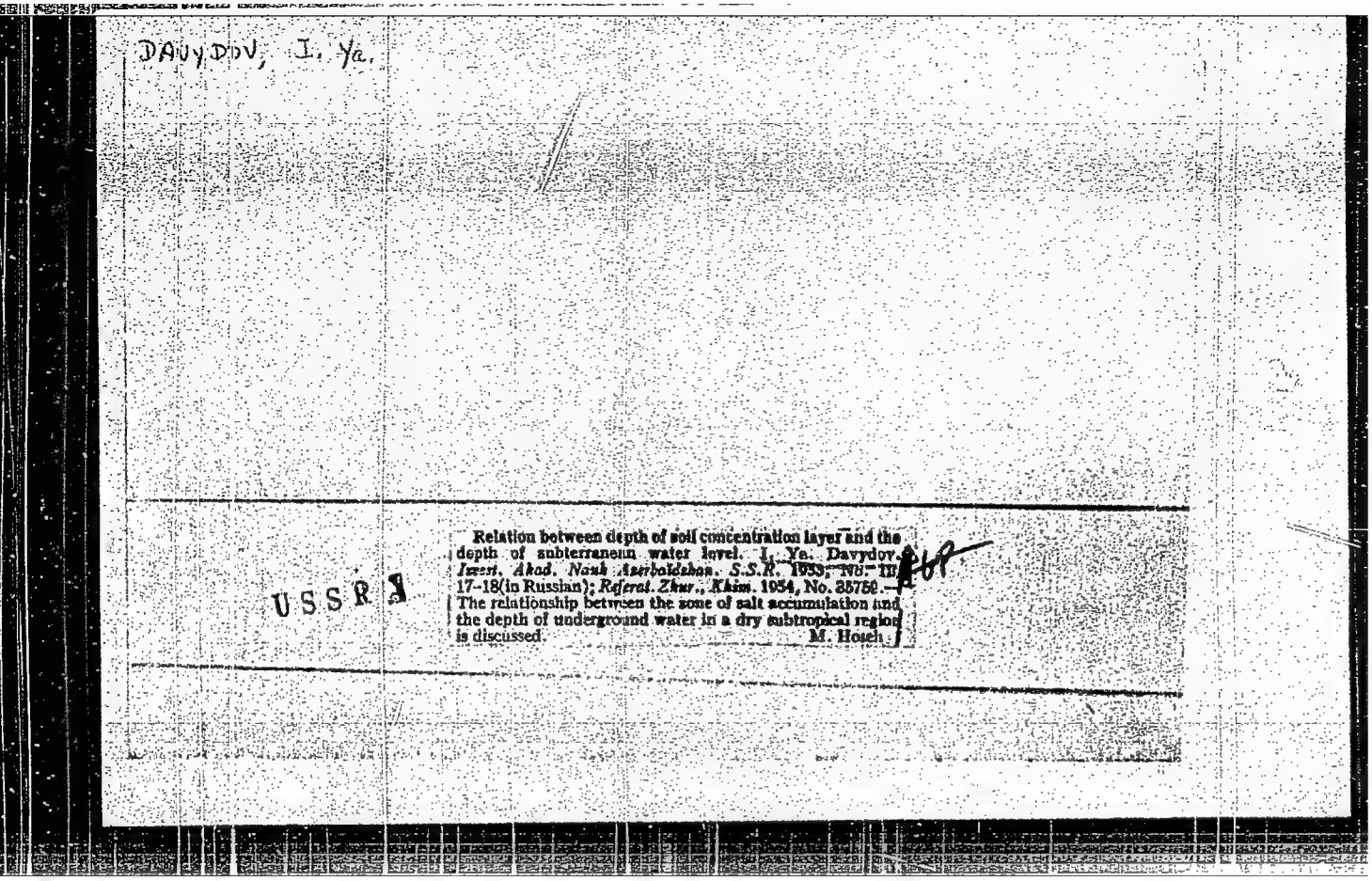
SO: W-31128, 11 Jan 55

DAVYDOV, I. Ya.

"Use of Empirical Curves to Determine the Composition of Salts in Ground Waters According to One Component" (Hydrogeology, Chemism of Underground Waters) Izv. AN Azerb. SSR, No 10, 1953, 43-48 (Azerbaydzhani resume)

Abs

W-31146, 1 Feb 55



DAVYDOV, I. Ya.

USSR

Relation between depth of soil concentration layer and the depth of subterranean water level. I. Ya. Davydov. *Izvest. Akad. Nauk Azerbaidzhan. S.S.R.* 1953, No. 11, 17-18 (in Russian); *Referat. Zhur., Khim.* 1954, No. 35750.

The relationship between the zone of salt accumulation and the depth of underground water in a dry subtropical region is discussed.

M. Hoch

~~Dav~~ Davydov, I. Ya.

A method of analysis of materials by the salt composition and salinity of soil. I. Ya. Davydov. *Doklady Akad. Nauk Azerbaidzhan. S.S.R.* 11, No. 10, 699–702(1955)(in Russian).—Calcn. of mineralization of ground water, M, by the formula $M = S\delta/n$, where S is percent content of salts in the soil, δ is the vol. wt. of the soil, and n is porosity of the soil, from data of unspecified origin resulted in a showing that the degree of mineralization of waters was nearly the same throughout the depth of the water-bearing strata and that a direct dependence of the degree of mineralization on compn. exists. The calcd. values of degree of mineralization ran high in clays owing to some leaching of gypsum from the soil. The calcn. can be applied to any ionic species.

G. M. Kosolapoff

1

DAVYDOV, I.Ya.

Method of study and graphic generalization of data on the chemical affinity of underground waters. Dokl.AN Azerb.SSR 11 no.11:777-782 '55. (MLRA 9:5)

1. Institut geologii imeni akademika I.M. Gubkina AN Azerbaydzhanskoy SSR. Predstavleno deystvitel'nym chlenom AN Azerbaydzhanskoy SSR M.A. Kashkayem.

(Water, Underground)

DAVYDOV, I.Ya.

Graphoanalytical method of determining precipitation of salts from ground waters with their advancing general mineralization. Izv.AN Turk.SSR no.4:24-30 '57. (MIRA 10:10)

1. Institut geologii AN Turkmenskoy SSR.
(Water, Underground) (Precipitation (Chemistry))

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Some observations of the condensation of atmospheric moisture and the seepage of precipitations in a sandy desert. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.4:120-123 '61. (MIRA 14:12)

1. Institut geologii AN Turkmenskoy SSR.
(Soil percolation)

DAVYDOV, I.Ya.

Role of impervious lenses of sand massifs in the feeding of deep underground fresh waters. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim. i geol.nauk no.1:115-116 '61. (MIRA 14:8)

1. Institut geologii AN Turkmenskoy SSR.
(Water, Underground)

DAVYDOV, Ivan Yakovlevich; MADZIGON, A., red.; POPOVICHENKO, T., tekhn. red.

[The Irtysh will flow westward] Irtysh potechet na zapad. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 38 p. (MIRA 15:12)
(Irtysh--Karaganda Canal)